

SITE NUMBER: NC-L1-01
LOCAL NAME: Hogback Springs
WRIA: 20.0177B

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: N.F. Calawah **DATE:** 1/25/90 **OBSERVER:** Young

CHANNEL TYPE: Terrace tributary

TRIBUTARY TO: N.F. Calawah - 20.0177

SITE LOCATION: L.B. @ River Mile: 0.2 (WDF)

LEGAL DESCRIPTION:

	UPPER END	LOWER END	RIVER TEMP
<u>WATER TEMP:</u>	8.0 C	8.0 C	6.5 C

<u>FLOW (CFS):</u>	0.0	1.0 - 1.5
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SUBSTRATE TYPE: Sand and silt over gravel.

SITE SIZE: **Length-** Approx. 50 m
 Width- Water surface = 3 - 4 ft avg. 10 ft max.
 Channel = 3 - 12 ft
 Depth- 3 - 6 in. avg. 6 - 8 in. max.

WATER SOURCE: Springs and possibly some perk from the river.

DIRECTIONS TO SITE: Head north from the town of Forks on Hwy 101. Turn right (i.e. east) 0.25 miles north of mile post 193 onto Forest Service Road 29 (Rugged Ridge Rd). Proceed east approximately 3.7 miles until coming to a long concrete bridge which crosses the mouth of the North Fork Calawah. Turn left on F.S. 2902 just before crossing the bridge and park in the wide area at the junction of the two roads. Walk across the bridge and then turn left onto an old grade. Continue upstream along the left bank of the N.F. Calawah to the first hard bend in the river (0.1 to 0.2 miles). The mouth of NC-L1-01 is at the lower end of this bend.

FISH ACCESS AND CURRENT USE: No fish were observed but channel appears to have fair fish access. Accessibility should improve as river levels rise.

FLOODING POTENTIAL: Some backwater flooding seems likely. Upper end of the channel appears well protected from floods. No sign of high velocity flow.

LANDOWNER: Unknown at this time.

COMMENTS & RECOMMENDATIONS: NC-L1-01 is located at the downstream end of a "hairpin" bend in the river. A steep, "hogback" ridge runs down the inside of the "hairpin" and helps to form the hard bend.

Considering the healthy flow of water at its mouth, NC-L1-01 is surprisingly short. The channel drops about 2 ft in the lower 15 -20 ft cascading through small boulders and cobble. It enters the river on a fast, moderately deep, glide. There is little holding area. 1.5 to 2 inches of rain had fallen during the 48 hours prior to this survey. While the river water was considerably turbid the water in NC-L1-01 was still extremely clear.

(Continued on next page)

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COMMENTS & RECOMMENDATIONS: (Continued)

The channel ends rather abruptly some 50 m above its mouth. Water at the upper end of the channel appears to flow in from both the direction of the river and the base of the hillside. A dry, well-vegetated, wall-based depression continues upstream of the channel for another 100 to 150 m. This depression does not appear to hold water at any time during the year.

If the ground upstream of NC-L1-01 will perk it may be possible to lengthen the channel by as much as 100 to 150 m. Might be possible to make the mouth more attractive. This channel might also be considered for development as a refuge bay for short term winter rearing.

DATE: 5/2/90

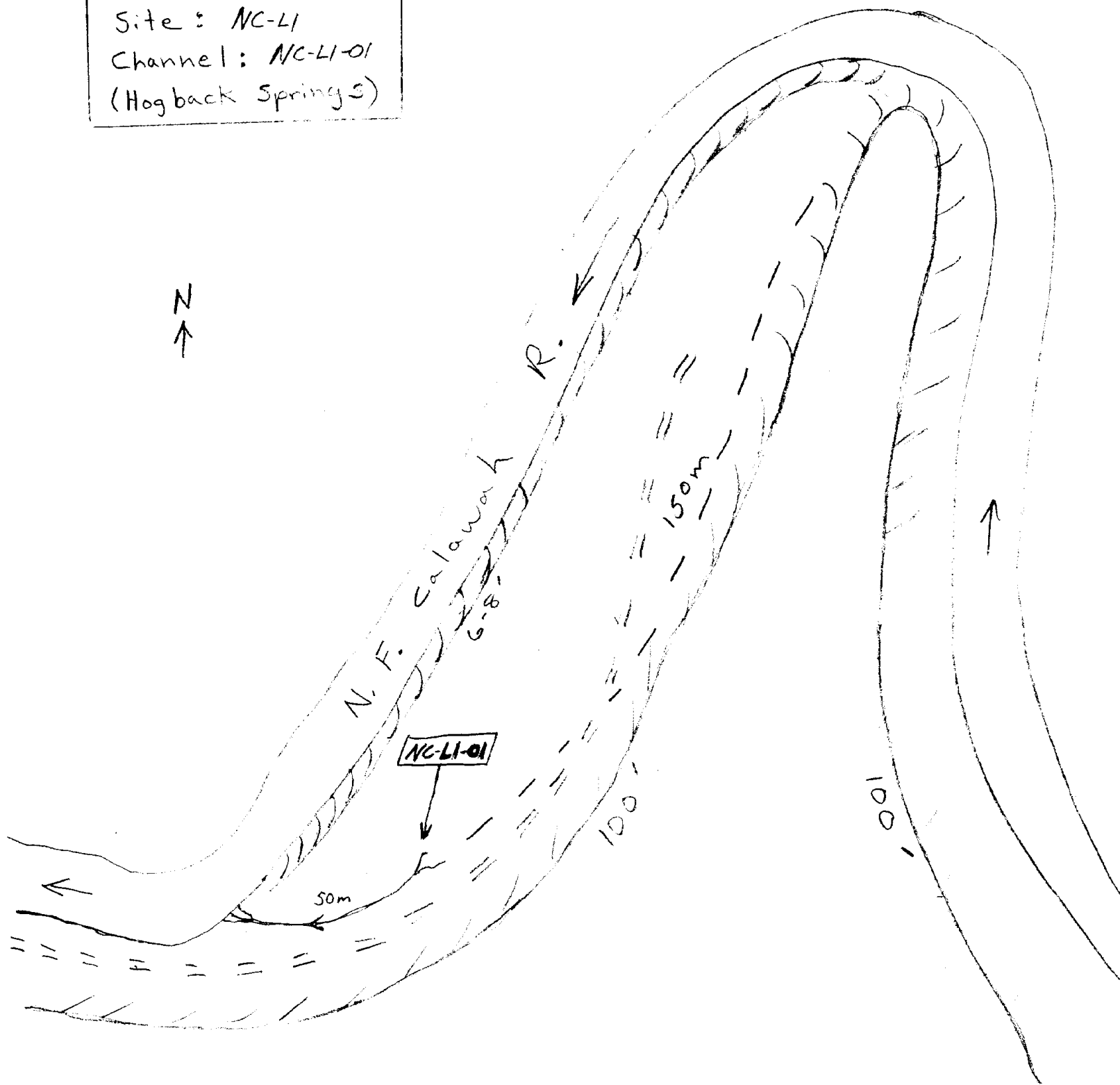
OBSERVER: Young

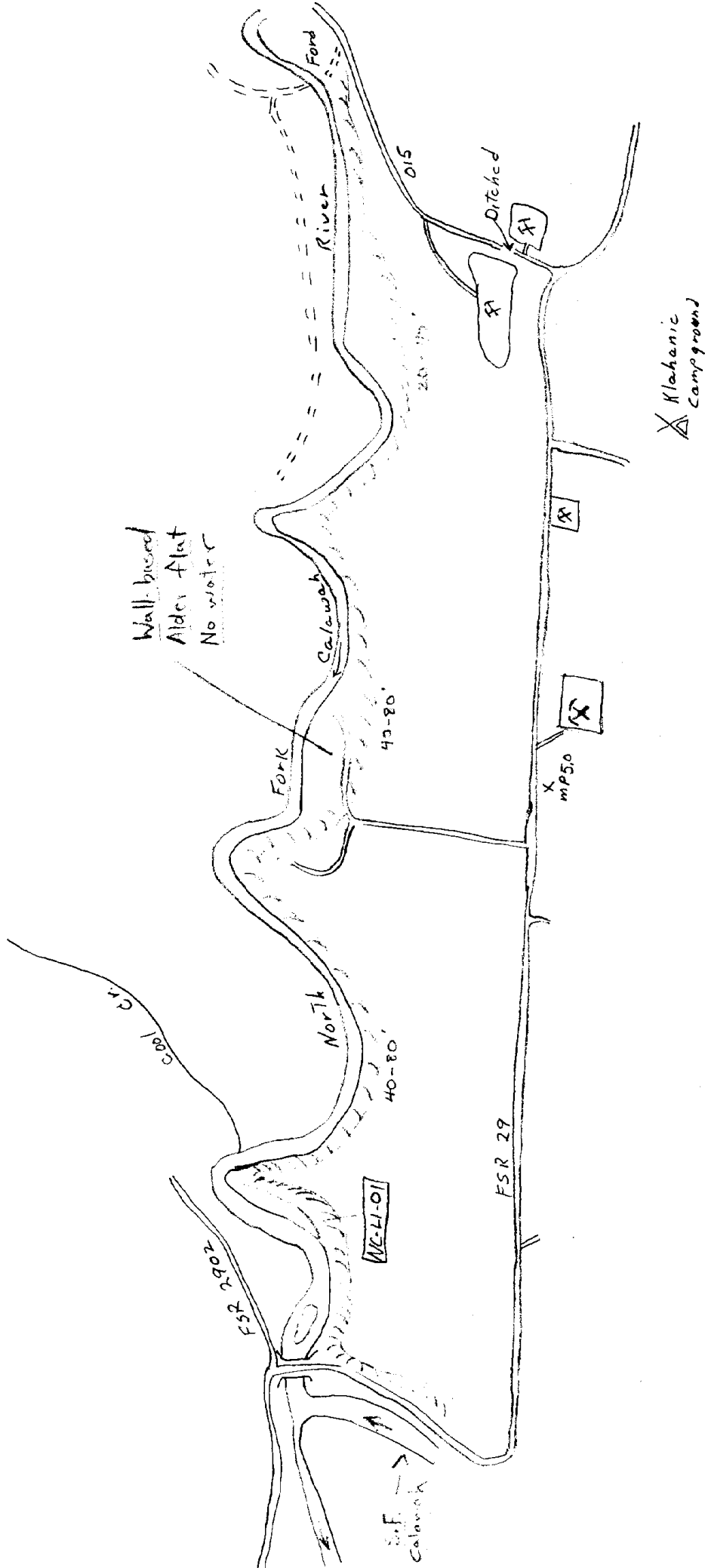
The wall-based depression above the upper end of the channel was measured at 140 m. Flow in the channel was estimated at 0.25 to 0.5 cfs. The water temp in the channel and the water temp of the river were both measured at 8.5 C.

N. F. Calawah R.

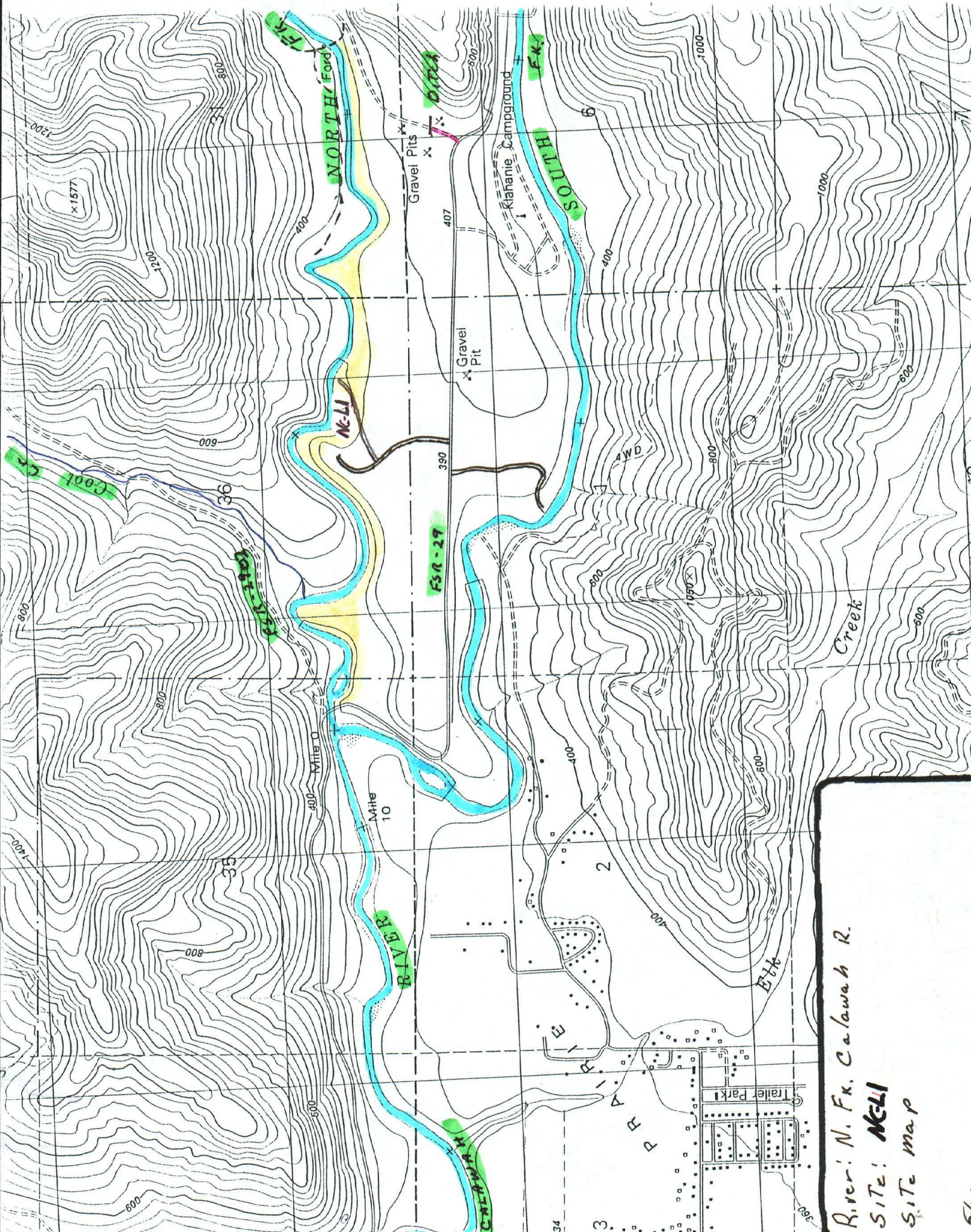
Site: NC-L1

Channel: NC-L1-01
(Hogback Springs)





River: N. Fork Calawah R.
 Site: NC-LI
 Overview map
 5/90



River: N. Fx. Calawah R.
SITE: **N-11**
SITE map